

[Please replace the Paragraph at page 5, lines 11 – 17 with the following]

[paragraph:

C2
cont

According to this invention, with the sensor device, provided is a method for evaluating a trace amount of liquid wherein the solution or liquid substance to be sensed and ejected into air as micro-dots via the ink-jet nozzle comprises a protein, DNA, antibody, receptor, lectin, a bio-molecule from an animal or plant cell, or a physiologically active substance, or an aqueous solution thereof.

2. New paragraphs

Please add the following paragraph prior to the first sentence of the specification:

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This application is a divisional of U.S. Patent Application Serial No. 09/163,199 and claims priority to Japanese Patent Application No. 9-266,225.

IN THE CLAIMS

1. Amended Claims

Please amend the claims in accordance with the following rewritten claims in clean form. Applicant includes herewith an Attachment for Claim Amendments showing a marked up version of each amended claim.

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11. (Amended) A sensor device comprising:

a circuit having electrodes, wherein at least one of the electrodes comprises a molecule recognizing film formed on the electrodes, the molecule

recognizing film absorbing aromatic molecules to change in electric impedance in connection with absorbing the aromatic molecules inside the molecule recognizing film; and

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a transducing element to transduce the change in the electric impedance of the molecule recognizing film into electric signals, the transducing element comprising a thin-film transistor.

cf cont

12. (Amended) The sensor device of claim 11 wherein the molecule recognizing film formed on the electrode comprises a film formed from at least one microdot ejected from an ink-jet head.

14. (Amended) The sensor device of claim 12 wherein at least one micro-dot comprises a dot-shaped area.

cf

15. (Amended) The sensor device of claim 11 wherein the molecule recognizing film formed between the electrodes comprises a film formed from multiple dots.

cf

17. (Amended) The sensor device of claim 15 wherein the multiple dots comprise dot-shaped areas.

2. Cancelled Claims

Please cancel Claims 13, 16 and 18-23 without prejudice or disclaimer of the subject matter contained therein.